

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1. (Cancelled)

Claim 2. (Cancelled)

Claim 3. (Cancelled)

Claim 4. (Cancelled)

Claim 5. (Cancelled)

Claim 6. (Cancelled)

Claim 7. (Cancelled)

Claim 8. (Cancelled)

Claim 9. (Cancelled)

Claim 10. (Currently Amended) A method for producing an anatase type titanium dioxide pigment comprising,
a single calcining step, wherein particles of a hydrous titanium oxide are introduced into a ~~single calcination zone~~ rotary kiln having a temperature of not lower than 800°C and lower than 1000°C in the presence of calcination treating agents, said calcination treating agents including an aluminum compound corresponding to 0.02-0.2% by weight calculated as Al₂O₃, a potassium compound corresponding to 0.2-1% by weight calculated as K₂O and a phosphoric acid compound corresponding to 0.02-0.5% by weight calculated as P₂O₅ based on the weight of TiO₂ in the hydrous titanium oxide, the ratio K₂O/P₂O₅ being in the range of 1.5/1-10/1.

Claim 11. (Original) A method for producing a titanium dioxide pigment according to claim 10, wherein the hydrous titanium oxide has a particle diameter of 0.001-0.01 μm .

Claim 12. (Cancelled)

Claim 13. (Cancelled)

Claim 14. (Cancelled)

Claim 15. (Cancelled)

Claim 16. (Cancelled)

Claim 17. (Cancelled)